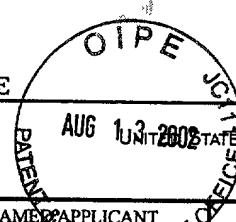


#4



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAME/APPLICANT	ATTORNEY DOCKET NUMBER
10/050,213	01/16/2002	Jennifer E. CURTIS	40563/144

27433
FOLEY & LARDNER
330 NORTH WABASH AVENUE
SUITE 3300
CHICAGO, IL 60611-3608

CONFIRMATION NO. 6277
FORMALITIES LETTER



OC00000007706292

Date Mailed: 03/25/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

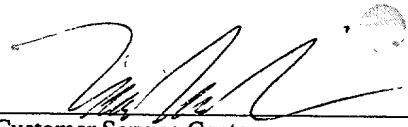
- Total additional claim fee(s) for this application is \$42.
 - \$42 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 107.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

#4

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re the application of: Curtis et al.

Serial No.: 10/050,213

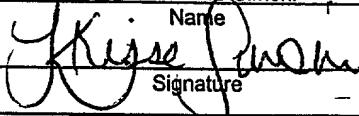
Filed: January 16, 2002

Title: USE OF MULTIPLE OPTICAL
VORTICES FOR PUMPING,
MIXING AND SORTING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

May 24, 2002
Date

Krisse Simoni
Name


Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NON-PROVISIONAL APPLICATION**

BOX MISSING PARTS

Assistant Commissioner for Patents
Washington, D.C. 20231

DOCKETED

MAY 28 2002 

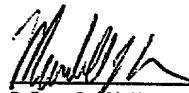
Dear Sir:

Transmitted herewith for completing the filing of the above-captioned patent application is:

1. Executed Declaration/Power of Attorney (3 sheets);
2. One set of formal drawings (10 sheets);
3. Check in the amount of \$107;
4. Return copy of the Notice to File Missing Parts of Non-provisional Application; and
5. Return postcard acknowledging receipt of the above items.

A check in the amount of \$107 is enclosed to cover the surcharge for a small entity to file a Response to Notice of Missing Parts. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 06-1450 (duplicate of correspondence enclosed).

Respectfully submitted,


Marshall J. Brown
Registration No. 44,566

Date: May 24, 2002

FOLEY & LARDNER
330 North Wabash Avenue, Suite 3300
Chicago, IL 60611
(312) 755-2704

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Attorney Docket No.: 40563/144 #4
0410
11/16/02

In re the application of: Curtis et al.

Serial No.: 10/050,213

Filed: January 16, 2002

Title: USE OF MULTIPLE OPTICAL
VORTICES FOR PUMPING,
MIXING AND SORTING



Box Duplicate OIPE
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, Virginia 22202-2327

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

August 8, 2002

Date

Krisse Simoni

Name

Signature

**RESPONSE TO REQUEST
FOR SUBSTITUTE PAPERS**

Dear Sir:

In response to the Request for Substitute Papers mailed on July 26, 2002, submitted herewith is a photocopy of the materials submitted to the U.S. Patent Office on May 24, 2002, along with one original clean set of drawings and, a copy of such Request. The attached copies consist of:

1. Photocopy of Postcard;
2. Photocopy of Check No. 646706 (funds cleared bank on June 11, 2002);
3. Photocopy of Response to Notice to File Missing Parts of Non-Provisional Application;
4. Photocopy of executed Declaration/Power of Attorney (3 sheets);
5. Photocopy of one set of formal drawings (10 sheets); and
6. Photocopy of Notice to File Missing Parts of Non-provisional Application.

While no fee is due, the Commissioner is hereby authorized to charge any deficiency he believes to be due to Deposit Account No. 06-1450 (duplicate of correspondence enclosed).

Respectfully submitted,

Marshall J. Brown

Registration No. 44,566

FOLEY & LARDNER
330 North Wabash Avenue, Suite 3300
Chicago, IL 60611
(312) 755-2704